

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0551-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> X		Customer Number or Bar Code Label		23464		OR <input type="checkbox"/> Correspondence address below	
Name Michael G. Panian							
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City Pittsburgh				State PA		ZIP 15219	
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name Yukiko (first and middle [if any])				Family Name Kubota or Surname			
Inventor's Signature <i>Yukiko Kubota</i>				Date 11-15-01			
Residence: City Pittsburgh		State PA		Country USA		Citizenship JAPAN	
Mailing Address 100 Anderson Street, Apt. 322							
City Pittsburgh		State PA		ZIP 15212		Country USA	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name Dieter (first and middle [if any])				Family Name Weller or Surname			
Inventor's Signature <i>Dieter Weller</i>				Date 11/15/01			
Residence: City Gibsonia		State PA		Country USA		Citizenship GERMANY	
Mailing Address 7019 Oak Park Drive							
City Gibsonia		State PA		ZIP 15044		Country USA	
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							

Please type a plus sign (+) inside this box → ☒

PTO/SB/02A (5-97)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Mei-Ling		Wu	
Inventor's Signature	<i>Mei-Ling</i>		Date 11/15/01
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Post Office Address			
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		Country USA	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City		State	Country
Post Office Address			
Post Office Address			
City		State	ZIP
		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City		State	Country
Post Office Address			
Post Office Address			
City		State	ZIP
		Country	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : PATENT APPLICATION
:
KUBOTA, ET AL. : SOFT MAGNETIC UNDERLAYER (SUL) FOR
: PERPENDICULAR RECORDING MEDIUM
:
:
:

POWER OF ATTORNEY

We, Seagate Technology LLC, a Delaware corporation, as assignee of the above-identified application, hereby appoint the following attorney(s) and/or agent(s) to prosecute and to transact all business in the Patent and Trademark Office in connection with the above-identified application: Lynn J. Alstadt, Registration No. 29,362; Jose J. Aparicio, Registration No. 48,837; George Patrick Baier, Registration No. 26,717; Dennis M. Carleton, Registration No. 40,938; Craig G. Cochenour, Registration No. 33,666; Michael L. Dever, Registration No. 32,216; John E. Grosselin, III, Registration No. 38,478; Bryan H. Opalko, Registration No. 40,751; Michael G. Panian, Registration No. 32,623; and Carla J. Vrsansky, Registration No. 36,958 of the firm of Buchanan Ingersoll Professional Corporation.

In addition, the undersigned appoints Carol I. Bordas, Registration No. 37,284; Derek J. Berger, Registration No. 45,401; Kirk A. Cesari, Registration No. P-47,479; Shawn B. Dempster, Registration No. 34,321; Raghunath Minsandram, Registration No. 38,683; Johathan E. Olson, Registration No. 41,231 and Paul Dietz, Registration No. 38,858 of Seagate Technology LLC as attorneys and/or patent agents with the full power to represent the applicant in connection with this application.

Year	Age	Sex	Location	Species	Number	Percentage
1971	10	M	1000 ft	1000 ft	1000	1000
1972	11	F	1000 ft	1000 ft	1000	1000
1973	12	M	1000 ft	1000 ft	1000	1000
1974	13	F	1000 ft	1000 ft	1000	1000
1975	14	M	1000 ft	1000 ft	1000	1000
1976	15	F	1000 ft	1000 ft	1000	1000
1977	16	M	1000 ft	1000 ft	1000	1000
1978	17	F	1000 ft	1000 ft	1000	1000
1979	18	M	1000 ft	1000 ft	1000	1000
1980	19	F	1000 ft	1000 ft	1000	1000
1981	20	M	1000 ft	1000 ft	1000	1000
1982	21	F	1000 ft	1000 ft	1000	1000
1983	22	M	1000 ft	1000 ft	1000	1000
1984	23	F	1000 ft	1000 ft	1000	1000
1985	24	M	1000 ft	1000 ft	1000	1000
1986	25	F	1000 ft	1000 ft	1000	1000
1987	26	M	1000 ft	1000 ft	1000	1000
1988	27	F	1000 ft	1000 ft	1000	1000
1989	28	M	1000 ft	1000 ft	1000	1000
1990	29	F	1000 ft	1000 ft	1000	1000
1991	30	M	1000 ft	1000 ft	1000	1000
1992	31	F	1000 ft	1000 ft	1000	1000
1993	32	M	1000 ft	1000 ft	1000	1000
1994	33	F	1000 ft	1000 ft	1000	1000
1995	34	M	1000 ft	1000 ft	1000	1000
1996	35	F	1000 ft	1000 ft	1000	1000
1997	36	M	1000 ft	1000 ft	1000	1000
1998	37	F	1000 ft	1000 ft	1000	1000
1999	38	M	1000 ft	1000 ft	1000	1000
2000	39	F	1000 ft	1000 ft	1000	1000
2001	40	M	1000 ft	1000 ft	1000	1000
2002	41	F	1000 ft	1000 ft	1000	1000
2003	42	M	1000 ft	1000 ft	1000	1000
2004	43	F	1000 ft	1000 ft	1000	1000
2005	44	M	1000 ft	1000 ft	1000	1000
2006	45	F	1000 ft	1000 ft	1000	1000
2007	46	M	1000 ft	1000 ft	1000	1000
2008	47	F	1000 ft	1000 ft	1000	1000
2009	48	M	1000 ft	1000 ft	1000	1000
2010	49	F	1000 ft	1000 ft	1000	1000
2011	50	M	1000 ft	1000 ft	1000	1000
2012	51	F	1000 ft	1000 ft	1000	1000
2013	52	M	1000 ft	1000 ft	1000	1000
2014	53	F	1000 ft	1000 ft	1000	1000
2015	54	M	1000 ft	1000 ft	1000	1000
2016	55	F	1000 ft	1000 ft	1000	1000
2017	56	M	1000 ft	1000 ft	1000	1000
2018	57	F	1000 ft	1000 ft	1000	1000
2019	58	M	1000 ft	1000 ft	1000	1000
2020	59	F	1000 ft	1000 ft	1000	1000
2021	60	M	1000 ft	1000 ft	1000	1000
2022	61	F	1000 ft	1000 ft	1000	1000
2023	62	M	1000 ft	1000 ft	1000	1000
2024	63	F	1000 ft	1000 ft	1000	1000
2025	64	M	1000 ft	1000 ft	1000	1000
2026						

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Date 11/14/01

By Carol I. Paul

Title IP Division Counsel